

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1273685

Luminaire Tested: P3AS09R309830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273685
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

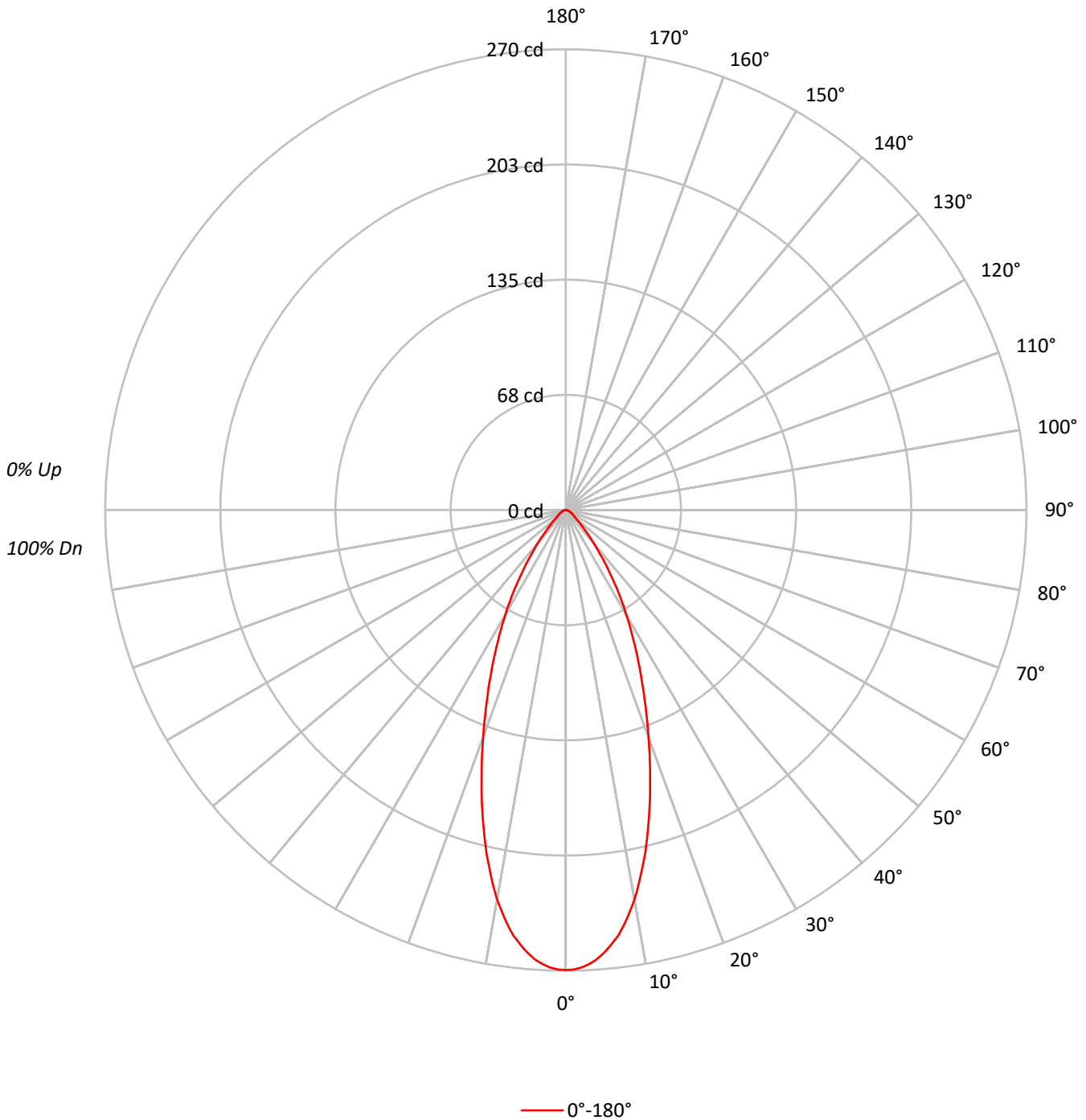
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 15.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1273685
CATALOG NUMBER: P3AS09R309830DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1273685
 CATALOG NUMBER: P3AS09R309830DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59118
5°	57275
10°	51613
15°	42679
20°	33043
25°	24800
30°	18003
35°	11993
40°	7385
45°	4311
50°	2661
55°	2141
60°	1886
65°	1557
70°	1346
75°	1356
80°	1010
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4311 cd/sqm



TEST NUMBER: P1273685
 CATALOG NUMBER: P3AS09R309830DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.9	13.8
10°-20°	51.8	29.9
20°-30°	47.1	27.2
30°-40°	28.5	16.5
40°-50°	11.4	6.6
50°-60°	5.1	2.9
60°-70°	3.1	1.8
70°-80°	1.6	1.0
80°-90°	0.5	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	122.8	71.0
0°-40°	151.3	87.5
0°-60°	167.8	97.0
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	270	
5°	260	24
15°	188	52
25°	102	47
35°	45	28
45°	14	11
55°	6	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P1273685
CATALOG NUMBER: P3AS09R309830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	269.6
1°	269.3
2°	268.3
3°	266.4
4°	263.7
5°	260.2
6°	255.9
7°	251.4
8°	245.5
9°	238.7
10°	231.8
11°	223.7
12°	215.1
13°	206.6
14°	197.2
15°	188.0
17.5°	164.2
20°	141.6
22.5°	120.7
25°	102.5
27.5°	85.8
30°	71.1
32.5°	57.4
35°	44.8
37.5°	34.3
40°	25.8
42.5°	18.8
45°	13.9
47.5°	10.5
50°	7.8
52.5°	6.2
55°	5.6
57.5°	4.8
60°	4.3
62.5°	3.5
65°	3.0
67.5°	2.7
70°	2.1
72.5°	1.9
75°	1.6
77.5°	1.3
80°	0.8
82.5°	0.5
85°	0.5
87.5°	0.3



TEST NUMBER: P1273685
CATALOG NUMBER: P3AS09R309830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)